

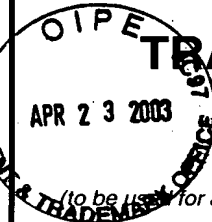
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PTO/SB/21 (08-00)

Approval for use through 10/31/2002. OMB 0651-0031


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 TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Applicati n Numb r	09/974,712	
	Filing Date	10/10/01	
	First Named Inventor	Friddle	
	Group Art Unit	1647	
	Examiner Name	R. Landsman	
Total Number of Pages in This Submission	35	Attorney Docket Number	LEX-0251-USA

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ENCLOSURES (check all that apply)		
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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		


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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Lance K. Ishimoto Reg. No. 41,866 Lexicon Genetics Incorporated
Signature	<i>Lance K. Ishimoto by David W. Huber</i> DAVID W. HUBER Reg. No. 41,071
Date	April 17, 2003

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 2327, Arlington, VA 22202 on April 17, 2003 this date:	
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#11A/12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Friddle <i>et al.</i>	Group Art Unit: 1647
Application No.:	09/974,712	Examiner: R. Landsman
Filed:	October 10, 2001	Attorney Docket No.: LEX-0251-USA
Title:	Polynucleotides and Polypeptides Encoding Human Ion Channel Proteins (As Amended)	

**AMENDMENT; AND RESPONSE TO OFFICE ACTION DATED
DECEMBER 17, 2002**

Commissioner for Patents
Arlington, VA 22202

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Sir:

The Applicants acknowledge the receipt of the Office Action ("the Action") mailed on December 17, 2002 (Paper No. 8), which has been carefully reviewed and studied. The Examiner is respectfully requested to enter the following amendments. Reexamination and reconsideration of the application is requested in view of the following amendments and remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the rejections in Paper No. 8 in the same order in which they were originally raised.

A Petition for an Extension of Time of one month to and including April 17, 2003 and authorization to deduct the fee as required under 37 C.F.R. § 1.17(a)(1) from Applicants' representatives Deposit Account are included. The response is thus timely filed. Applicants believe no fees in addition to the fee for the extension of time are due in connection with this response. However, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-0892.

Also included herewith are: as **Exhibit A**, a clean copy of the pending claims; as **Exhibit B**, a marked up copy of the original claims; as **Exhibit C**, a marked up copy of the original title and abstract are attached hereto; as **Exhibit D**, a clean copy of the amended title and abstract;